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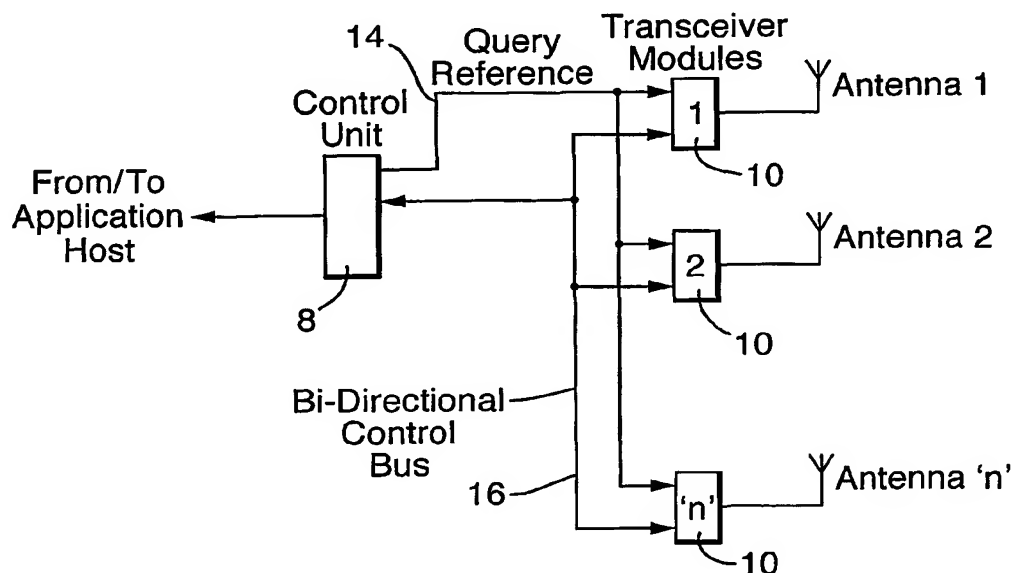
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(54) Title: **READER FOR RFID TRANSPONDERS AND CORRESPONDING METHOD**



(57) Abstract: An RFID reader system comprises one or more transceiver modules (10) for communicating with a plurality of RFID tags, a control unit (8) having a reference frequency generator for providing a reference frequency to said one or more transceiver modules (10), a control bus (16) connecting the control unit (8) to said one or more transceiver modules (10) for communicating with said one or more transceiver modules (10) and the control unit (8) having a communications port allowing the control unit to communicate with an application host system. The control unit (8) provides a common reference frequency to said transceiver modules. The invention also relates to a method of reading tags, comprising the steps of providing a plurality of transceiver modules (10) with a common reference frequency, and controlling at least one of the transceiver modules (10) from a control unit (8) to read one or more of the plurality of tags.

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